



# Jefferson Lab Alignment Group

## Data Transmittal

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**FROM:** J. Dahlberg

**Checked:** CJC

**# :** B1136

**DETAILS:**

Data: step2b\hallb\Frost\071030a, 071029a  
step2b\hallb\Frost\target\071017b

Below are the results from the Hall B beam line survey performed in October for the Frost experiment. A + X is beam left from ideal, a + Y is above, and +Z is downstream. A +pitch is counter clockwise looking from the beam right, a +yaw is ccw from above, and a +roll is cw looking from upstream. Values are in millimeters and degrees.

Note: There was no survey of the Frost target performed after it was disassembled for repair work. The values below are from the last survey prior to the target being removed.

<b>COMPONENT</b>	<b>Z</b>	<b>X</b>	<b>Y</b>	<b>Yaw</b>	<b>Pitch</b>	<b>Roll</b>
2.6 collimator		0.65	0.01			
6.4 collimator		0.59	-0.05			
Sweeper mag.	-74.92	0.19	-0.05	-0.003°	0.008°	-0.097°
Cleanup coll.		0.19	-0.01	-0.096°	0.038°	
Harp/Radiator	-9.27	-0.03	0.03	0.007°	-0.027°	0.352°
Pair Spect. dipole	1.56	-0.10	0.19	-0.005°	0.002°	0.006°
Frost target	-0.14	0.25	0.16	0.007°	0.004°	-0.001°